



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.1816

Job Sheet 168296-A



Part No: 647.1816

Job Qty: 3 ea

Part Name: Support LH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/7/18

Job Tracking No:

Due Date: 11/28/17

Created By: Michelle Gagnon-Donovan

Type: Stock

Description:

Note: DWG REV N/C SHEET 6 IPP REV:A 12.10.03 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
150	QC	3 pcs		11/27/17	0.00	0.00	QC5		
160	Outsource	3 pcs		11/27/17			ATG001-VC	10 12	FEB 07 2018
170	Packaging	3 pcs		11/27/17	0.00	0.00	Packaging2		ATG001-VC
180	QC	3 pcs		11/27/17	0.00	0.00	QC5	38	17
190	SprayPaint	3 pcs		11/28/17	0.00	0.57	Spray Paint	9-89	9-89
200	QC	3 pcs		11/28/17	0.00	0.00	QC14		
210	Packaging	3 pcs		11/28/17	0.00	0.00	Packaging3-1	CCK092	SRL
220	QC21-SA	3 Ea		11/28/17	0.00	0.00	QC21		

Part Op 160 - ISSUE P/O: _____ HARD ANODIZE, COLOR BLACK AND PRIME AS PER DWG 647.1800 REV. A
Descriptions: 190 - PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2) CARDINAL 4860-50 PRIMER
BATCH: _____
210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job BOM

Job BOM records could not be found.

Job Allocations

Job Allocations could not be found.

Part Specifications

Specifications could not be found.

Plex 2/7/18 4:20 PM Dart.Gagnon.Michelle

DART
AEROSPACE
S040326



Support LH

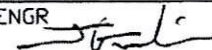
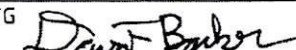
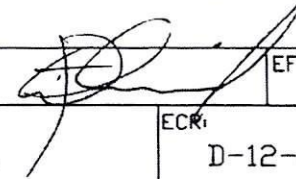
Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

PART NO: 647.1816
Original Serial #: S026950
Revision:
Operation:
Change No: Outsource

Mfg Date: 02/07/18
Job No: 168296-A

INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03686				SHEET 1 OF 2	
	DWG NO. 647.1800	REV: N/C	PREPARED BY B. PETERS	DATE: 11/12/12	EFFECT ON DWG ☒ INC. ☐ UNINC.	
	DWG TITLE: SHEETMETAL					
	APPROVED BY: ENGR 	MFG 	QC 	EFF: CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: REVISED RADIUS ON SHEETMETAL BEND.				ECR: D-12-020	

NOTES:

1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4

1 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N

3. DEBURR AND BREAK ALL SHARP EDGES

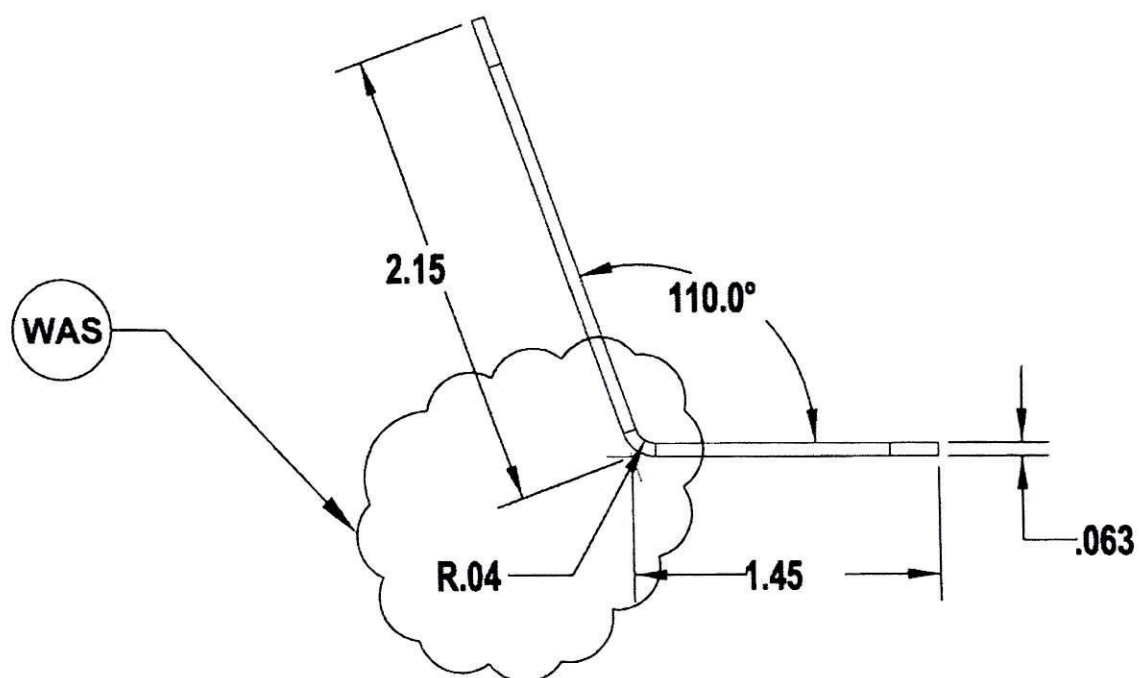
4. IDENTIFY IAW MPP-120

SHEET 1, ZONE A1 WAS:

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 168296

NOV 16 2017

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
☐ RFMS ☐ MDL ☐ INSTALL INSTRU ☐ ICA ☐ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO



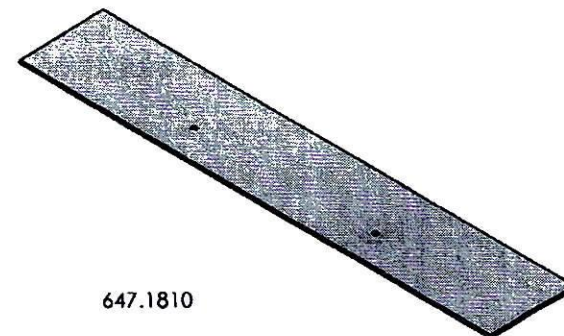
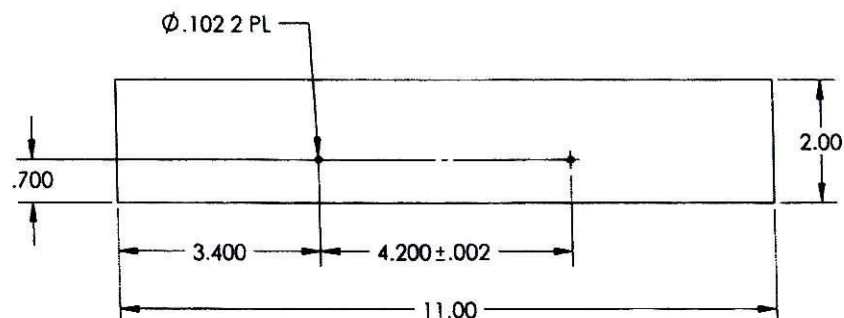
SHEET 4, ZONE D5 WAS:

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REV	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION - PPS			
INITIAL RELEASE		04/15/09	P. BRAVO
INCORPORATED CHANGES		11/12/12	P. BRAVO

NOTES:

1. PRIMARY MATERIAL: 2024-T3 ALUMINUM PER AMS-QQ-A-250/4
ALTERNATE MATERIAL: 6061-T6/T62 ALUMINUM PER AMS-QQ-A-250/11
2. FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120



647.1810

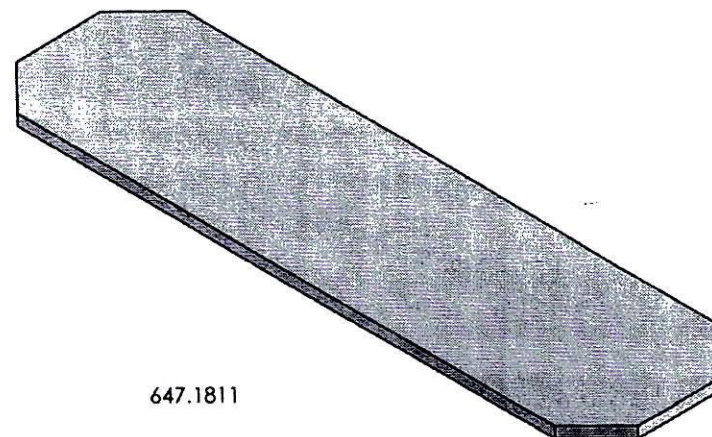
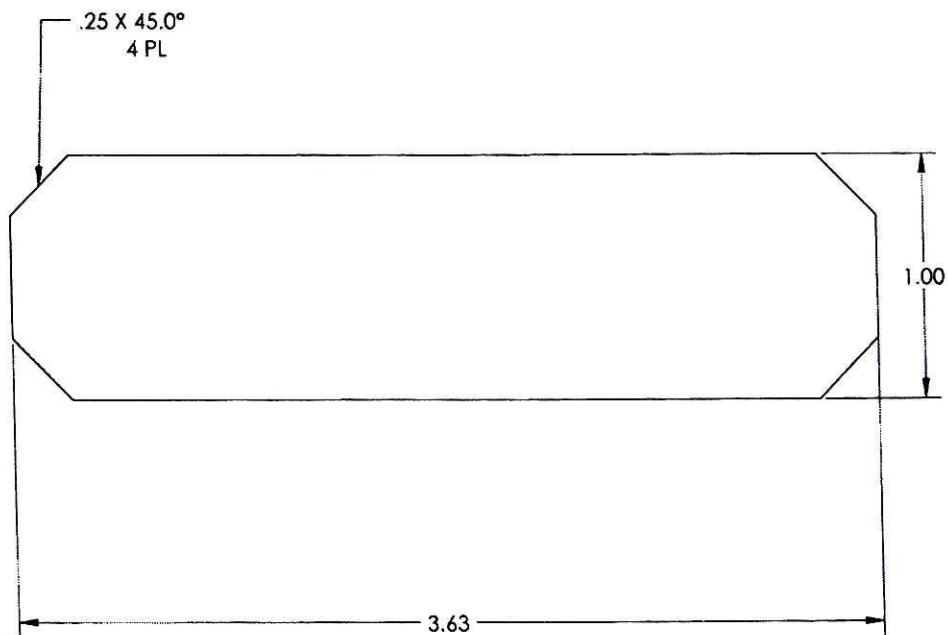
.063

		647.1818	NOSE DOOR SPACER	△	△
		647.1817	SUPPORT, RH	△	△
		647.1816	SUPPORT, LH	△	△
		647.1815	GUSSET, RH	△	△
		647.1814	GUSSET, LH	△	△
		647.1813	ANGLE	△	△
		647.1812	SHIM	△	△
		647.1811	SPACER	△	△
		647.1810	NOSE DOOR DOUBLER	△	△
	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY			PARTS LIST		
NEXT ASSY (S)			APICAL INDUSTRIES		
647.1300			2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
			SHEETMETAL		
			UNLESS OTHERWISE SPECIFIED		
			DIMENSIONS ARE IN INCHES		
			TOLERANCES ARE:		
			2 PLACE DECIMALS ± .01		
			3 PLACE DECIMALS ± .005		
			ANGLES ± .5°		
			CAGE CODE	DWG NO	REV
			B 07426	647.1800	A
			SCALE	NONE	SHEET 1 OF 7

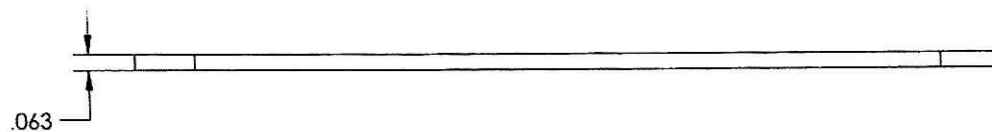
APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760) 724-5300

SHEETMETAL

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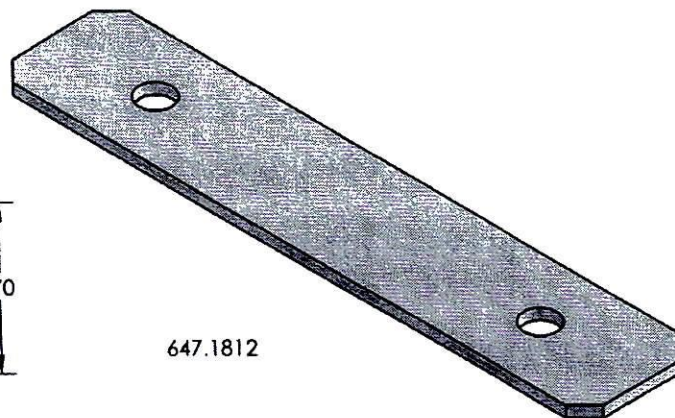
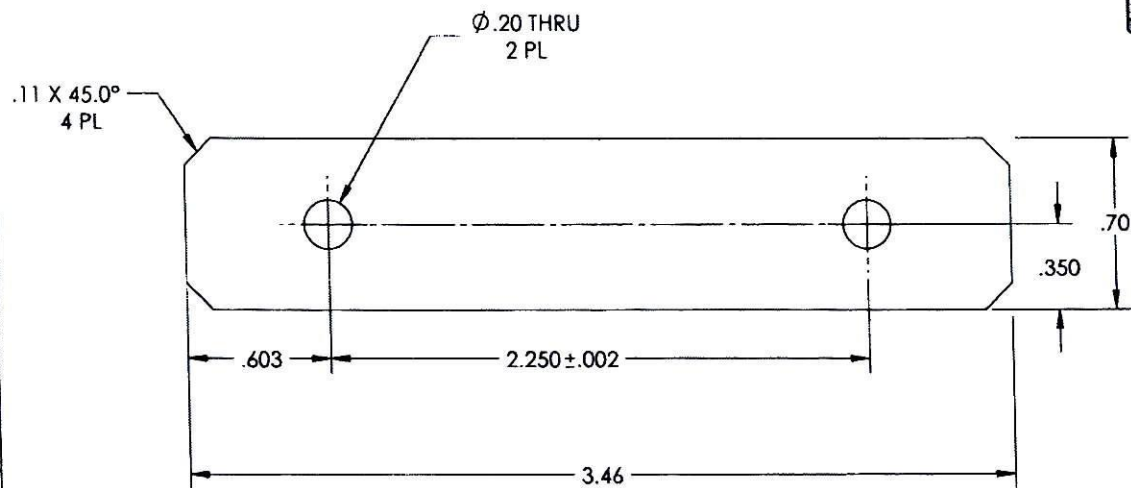
647.1811



ORIGINAL DATE: 11/10/01		DESIGN: 001	
DRAWN BY: J. CLARKE		CHECKED: P. BRAY	
DRAWING APPROVAL: P. BRAY		DATE: 11/10/01	
CONTRACT NO:		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1. PLACE DECIMALS 2.0 2. PLACE DECIMALS 2.0 ANGLES 1/2°		101 CAGE CODE: 07N15 8 DWG NO: 647.1800 SCALE: NONE	REV: A SHEET: 2 OF 7

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

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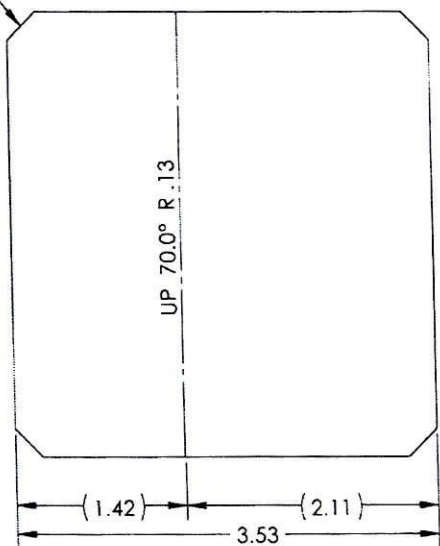


647.1812

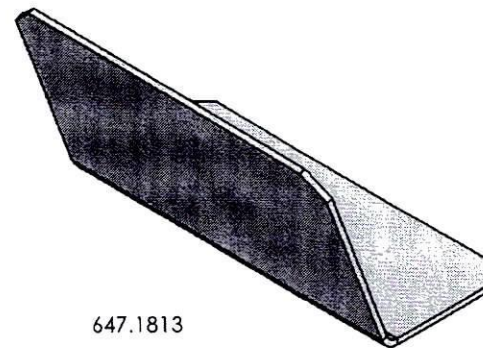
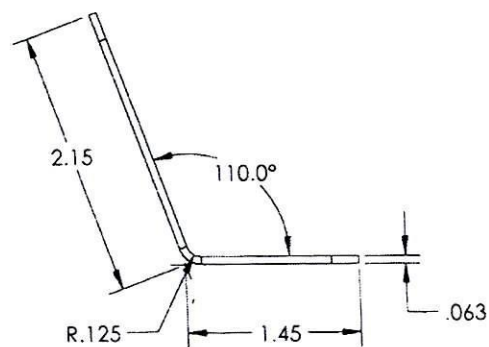
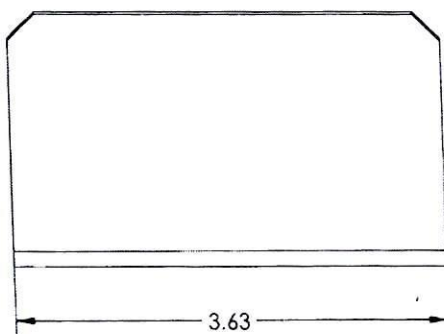
ORIGINAL DATE 2003-07-19		SHEET NO. 3	
DRAWN BY J. GARDNER		CHECKED BY S. BRAYO	
DRAWING APPROVAL S. BRAYO		DATE 2003-07-19	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°			
APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300		SHEETMETAL	
SIZE B	CAGE CODE 07M26	DWG NO. 647.1800	REV. A
SCALE: NONE		SHEET 3 OF 7	

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.23 X 45.0°
PL



FLAT PATTERN



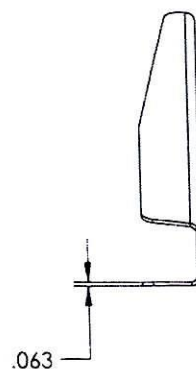
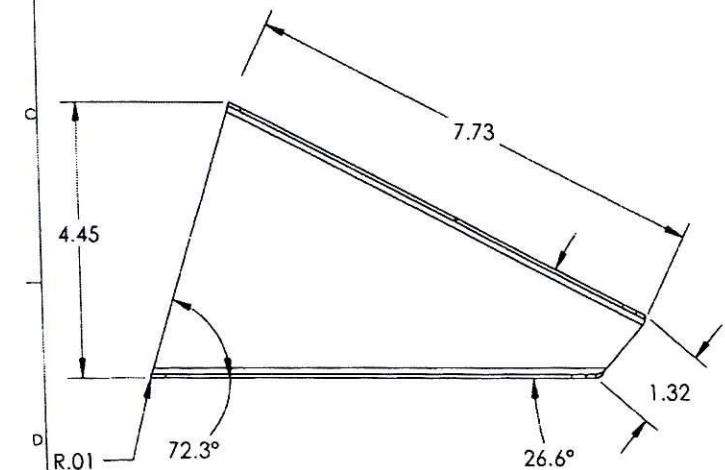
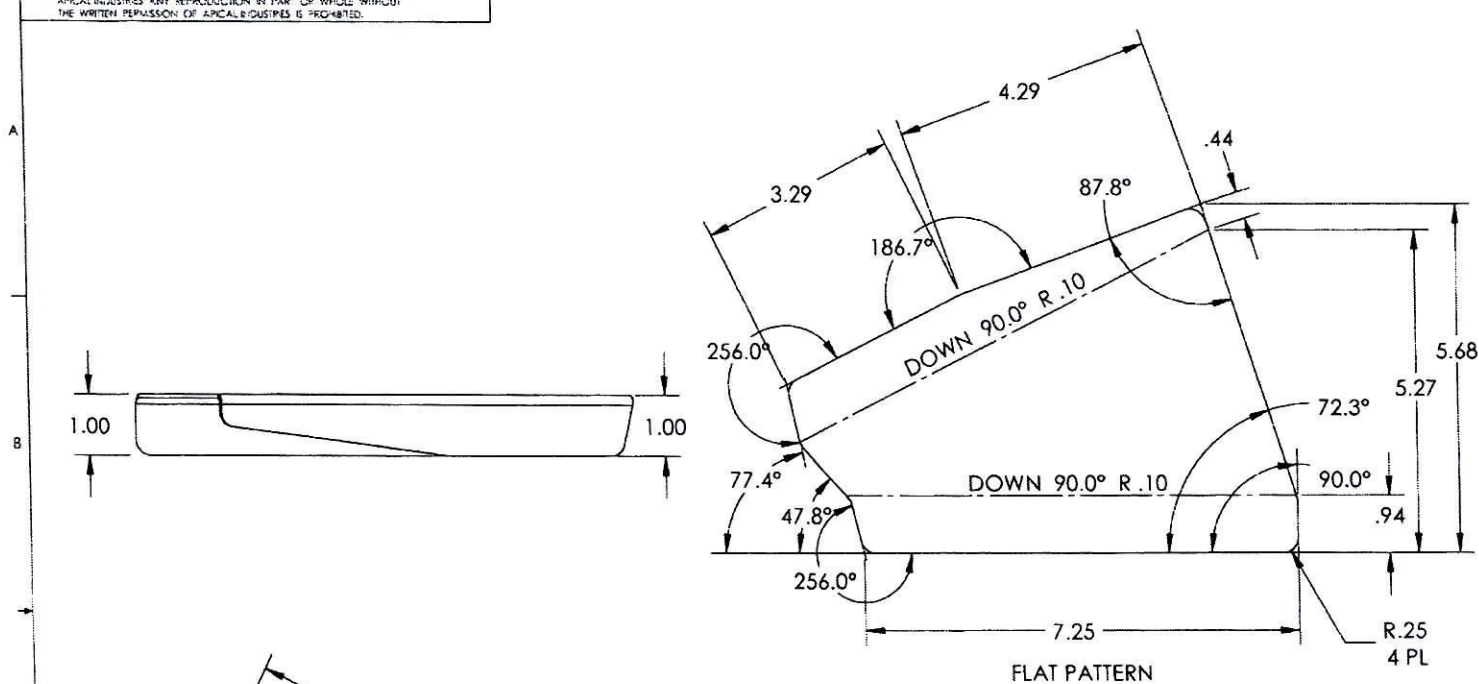
647.1813

ORIGINAL DATE	DESIGNER	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
APPROVED BY	CHECKER			
DRAWN BY	P. BRAY			
DRAWING APPROVAL				
P. BRAY				
CONTRACT NO.		SHEETMETAL		
UNLESS OTHERWISE SPECIFIED				
DIMENSIONS ARE IN INCHES				
TOLERANCES ARE				
2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.001 ANGLES ±.5°				
SHEET	1	DWG. NO.	647.1800	REV.
SCALE	NONE	SHEET		4 OF 7

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056 3512 (760)724 5300

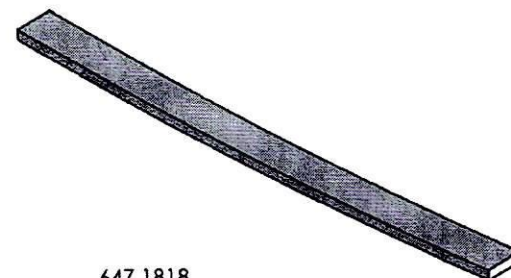
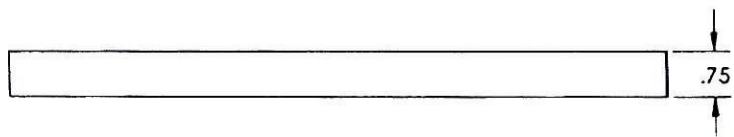
SHEETMETAL

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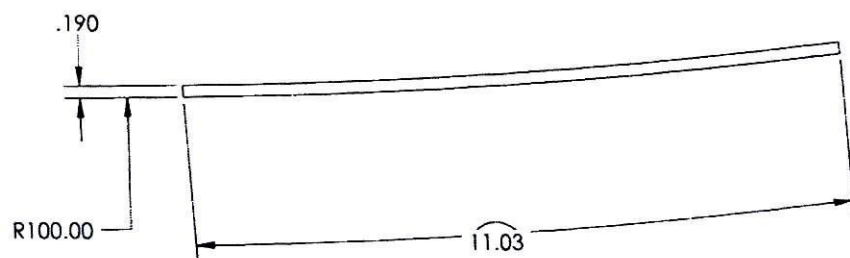


ORIGINAL DATE MODIFIED DATE DRAWN BY CHECKED BY DESIGNED BY DRAWING APPROVAL BY DATE CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE 2 PLACE DECIMALS 0.01 3 PLACE DECIMALS 0.001 ANGLES 1/2°		SHEETMETAL	
SHEET 8	DIRECTION 07M26	DWG. NO. 647.1800	REV A
SCALE: NONE		SHEET 6 OF 7	

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647.1818



ORIGINAL DATE 08/01/1978 DESIGNED BY J. CARPNER DRAWING APPROVAL R. BRAYD CHECKED BY		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92036-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.001 ANGLES ±.5°		SHEETMETAL	
SHEET	CLAGE CODE	DWG. NO.	REV.
B	07M26	647.1800	A
SCALE: NONE		SHEET 7 OF 7	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038842

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038842

PO Date: 1/22/18

Due Date: 2/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
dbaker@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
JAN 30 2018

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170696	D5069-1-Rework	Hardpoint Adapter ISSUE P/O: _____ TO ATG ANODIZE BLACK AS PER DWG D5069 REV. B	Firmed	2/2/18	4 pcs	0 pcs	4 pcs	\$9.39/pcs	\$37.56
Line Item Note: RUSH RUSH !!!! See other PO										
2	170700	D5553-1-Rework	Bracket ISSUE P/O: _____ TO ATG ANODIZE BLACK AS PER DWG D5553 REV. A	Firmed	2/2/18	4 pcs	0 pcs	4 pcs	\$9.39/pcs	\$37.56
Line Item Note: RUSH RUSH !!!										
3	168270	646.9812	Lower Cutter Deflector Issue P/O to ATG : Hard Anodize, Color Black and Prime as Per Dwg 646.9800 Rev. A	Firmed	2/2/18	6 pcs	0 pcs	6 pcs	\$20.64/pcs	\$123.84
4	168234	646.3411	RH Wiper Deflector Issue P/O to ATG : 1- Black Anodize as per Dwg 646.3400 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Comformity is required	Firmed	2/2/18	6 pcs	0 pcs	6 pcs	\$13.14/pcs	\$78.84
5	168233	646.3410	LH Wiper Deflector Issue P/O to ATG : 1- Hard Anodize, Color Black and Prime as per	Firmed	2/2/18	2 pcs	0 pcs	2 pcs	\$13.14/pcs	\$26.28



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038842

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	170243	RB877528-4-3	Dwg 646.3400 Handle Issue P/O to ATG: ANODIZE COLOR BLACK, AS PER DWG RB877528-4-3 REV. 3	Firmed	2/2/18	4 pcs	0 pcs	4 pcs	\$7.24/pcs	\$28.96
7	170103	RB T102103-5	Retainer -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL	Firmed	2/2/18	20 pcs	0 pcs	20 pcs	\$7.24/pcs	\$144.80
8	170304	D2348 <i>see other PO</i>	Wearplate (Key Way) Issue P/O: Black Anodize per Dwg D2348 Rev. C	Firmed	2/2/18	20 pcs	0 pcs	20 pcs	\$3.39/pcs	\$67.80
9	170385	RBD29905-15	Center Plate -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant	Firmed	2/2/18	12 pcs	0 pcs	12 pcs	\$10.78/pcs	\$129.36
10	168296	647.1816	Support LH ISSUE P/O: HARD ANODIZE, COLOR BLACK AND PRIME AS PER DWG 647.1800 REV. A	Firmed	2/2/18	4 pcs	0 pcs	4 pcs	\$14.14/pcs	\$56.56
11	165054	RBT400228M-3	Cylinder -Issue P/O to ATG: PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2 AS PER DWG RBT400228M-3 REV. 1	Firmed	2/2/18	2 pcs	0 pcs	2 pcs	\$10.78/pcs	\$21.56
12	169805	RBW6505G00831-3G-25	Mount Plate -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant AS PER DWG RBW6505G00831-3G-25 REV. 2	Firmed	2/2/18	2 pcs	0 pcs	2 pcs	\$7.24/pcs	\$14.48
13	169323	RBT400228M-1		Firmed	2/2/18	4 pcs	0 pcs	4 pcs	\$10.78/pcs	\$43.12

DAS
38
9-88



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914571

Date: 05-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
3 ea	Part: 647.1816 Support LH Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22413 PO: PO038842 Line: 10	Rev: A	DAS 38 9-89
6 ea	Part: 646.3411 RH Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22407 PO: PO038842 Line: 4	Rev: NC	
2 ea	Part: 646.3410 LH Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22408 PO: PO038842 Line: 5	Rev:	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>5/2/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of Made in Canada.			

